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B. Hamilton

Patent Assignee: ALPINE ENG PROD (US)
 Author (Inventor): SHAMBLIN WAYNE A (US)
 Priority (No,Kind,Date): WO 96US16744 W 19961018; US 552194 A 19951102
 Applic (No,Kind,Date): EP 96936707 A 19961018
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 Derwent WPI Acc No: * G 97-271935
 Language of Document: English
 EUROPEAN PATENT OFFICE (EP)
 Legal Status (No,Type,Date,Code,Text):
 EP 865341 P 19951102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
 US 552194 A 19951102
 EP 865341 P 19961018 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
 WO 96US16744 W 19961018
 EP 865341 P 19961018 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
 EP 96936707 A 19961018
 EP 865341 P 19980923 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
 BE DE FI FR GB SE
 EP 865341 P 19980923 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
 EP 865341 P 19980923 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980528
 EP 865341 P 20001004 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
 BE DE FI FR GB SE
 EP 865341 P 20001004 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 20000818
 EP 865341 P 20001004 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
 7B 23P 11/00 A, 7B 30B 3/02 B, 7B 27F 7/15 B

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5768769 A 19980623
 PARALLEL ADJUSTABLE GANTRY TRUSS PLATE PRESS (English)
 Patent Assignee: SHAMBLIN WAYNE A (US)
 Author (Inventor): SHAMBLIN WAYNE A (US)
 Priority (No,Kind,Date): US 552194 A 19951102
 Applic (No,Kind,Date): US 552194 A 19951102
 National Class: * 029798000; 100210000; 100913000
 IPC: * B23P-019/00
 Derwent WPI Acc No: * G 97-271935
 Language of Document: English
 Patent (No,Kind,Date): US 5933958 A 19990810
 GANTRY PRESS HEIGHT ADJUSTMENT METHOD (English)
 Patent Assignee: ALPINE ENG PROD (US)
 Author (Inventor): SHAMBLIN WAYNE A (US)
 Priority (No,Kind,Date): US 51322 A 19980409; US 552194 A1 19951102; WO 96US16744 W 19961018
 Applic (No,Kind,Date): US 51322 A 19980409
 Addnl Info: 5768769 Patented
 National Class: * 029897310; 029432000; 029798000; 100210000
 IPC: * B23P-011/00
 Derwent WPI Acc No: * G 97-271935
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
 US 5768769 P 19951102 US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT))

US 5768769 P 19951102 US AS02 19951102 ASSIGNMENT OF ASSIGNOR'S INTEREST
ALPINE ENGINEERED PRODUCTS, INC. 1200 PARK
CENTRAL BLVD. SOUTH POMPANO BEACH, FL ;
SHAMBLIN, WAYNE A. : 19951102

US 5768769 P 19980623 US A PATENT

US 5768769 P 20000815 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
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US 5933958 P 19951102 US AA PRIORITY

US 5933958 P 19961018 US AA A1 19951102 PCT-APPLICATION (PCT-APPL.)

US 5933958 P 19980409 US AE 19961018 APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))

US 5933958 P 19990810 US A 19980409 PATENT

US 5933958 P 20000229 US CC CERTIFICATE OF CORRECTION

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9716280 A1 19970509

GANTRY PRESS WITH PRESS ROLL HEIGHT ADJUSTMENT (English)

Patent Assignee: ALPINE ENG PROD (US); SHAMBLIN WAYNE A (US)

Author (Inventor): SHAMBLIN WAYNE A (US)

Priority (No,Kind,Date): US 552194 A 19951102

Applic (No,Kind,Date): WO 96US16744 A 19961018

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CH; CN; CU; GZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG;
KP; KR; KZ; LK; LR; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL;
PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) KE; LS; MW; SD; SZ;
UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT;
SE; BF; BJ; CF; CG; CI; CM; GA

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Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

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WO 9716280 P 19951102 WO AA PRIORITY (PATENT)
US 552194 A 19951102

WO 9716280 P 19961018 WO AE APPLICATION DATA (APPL. DATA)
WO 96US16744 A 19961018

WO 9716280 P 19970509 WO AK DESIGNATED STATES CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
(DESIGNATED STATES CITED IN A PUBLISHED APPL.
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AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE
DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ
LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ
VN AM AZ BY KG KZ MD RU TJ TM

WO 9716280 P 19970509 WO AL DESIGNATED COUNTRIES FOR
REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT (DESIGNATED
COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPL. WITH SEARCH REPORT)
KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA

WO 9716280 P 19970509 WO A1 PUBLICATION OF THE
INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT (PUB. OF THE
INTERNATIONAL APPL. WITH THE INTERNATIONAL
SEARCH REPORT)

WO 9716280 P 19970807 WO DFPE REQUEST FOR PRELIMINARY
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH
MONTH FROM PRIORITY DATE

WO 9716280 P 19970827 WO 121 EP: PCT APP. ART. 158 (1)

(EP: PCT ANM. ART. 158 (1))
WO 9716280 P 19980430 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
CA 2236709 AA
WO 9716280 P 19980903 DE 8642/REG WITHDRAWAL (ZURUECKNAHME)
WO 9716280 P 19980904 WO NENP NON-ENTRY INTO THE NATIONAL
PHASE IN:
JP 97517378

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